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DBs US-PGPUB; USPAT; EPO ☒ Plurals

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9 and "DC bias point"

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	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor
1	□	□	US 20050009472 A1	20050113	10	Electronically tunable quad-band antennas for hands	455/77	455/121; 455/193.1		Shamsaifar, Khosro
2	□	□	WO 2004073103 A2	20040826	25	ELECTRONICALLY TUNABLE QUAD-BAND AN				KHOSRO, SHAMSAIFAR

EAST - [10767363.wsp:1]
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☒ Active

- ☒ L1: (90737) "455"/\$.ccls.
- ☒ L2: (92) 1 and ((multiple or quad) near2 band near2 antenna)
- ☒ L3: (51) 2 and DC
- ☒ L4: (0) 3 and substrate
- ☒ L5: (15) 3 and substrate
- ☒ L6: (4) 5 and "patch element"
- ☒ L7: (1) 6 and "DC bias point"
- ☒ L8: (266) substrate and ((multiple or quad) near2 band near2 antenna)
- ☒ L9: (13) 8 and "patch element"
- ☒ L10: (2) 9 and "DC bias point"
- ☒ L11: (8) 2 and ((high or low) near3 "band antenna")
- ☒ L12: (2) 11 and "patch element"

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11 and "patch element"
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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor	
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20050009472 A1	20050113	10	Electronically tunable quad-band antennas for hands	455/77	455/121; 455/193.1		Shamsaifar, Khosro	F
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6408190 B1	20020618	17	Semi built-in multi-band printed antenna	455/553.1	343/700M S;		Ying, Zhinong	F

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- L9: (13) 8 and "patch element"
- L10: (2) 9 and "DC bias point"
- L11: (8) 2 and ((high or low) near3 "band antenna")
- L12: (2) 11 and "patch element"
- L13: (1) 6 and bias\$3
- L14: (185) (multiple or quad) adj band adj antenna
- L15: (2) 14 and "bias voltage"
- L16: (12) 14 and bias\$3
- L17: (2) 16 and "patch element"
- L18: (9) 16 and DC
- L19: (43) "quad band antenna"
- L20: (5) 19 and bias\$3
- L21: (5) 19 and bias
- L22: (28) 19 and DC
- L23: (17) 22 and control
- L24: (13) 23 and voltage
- L25: (363) (high or low) near3 "band antenna"
- L26: (43) 25 and bias\$3
- L27: (26) 26 and DC
- L28: (16) 26 and DC
- L29: (7) 28 and substrate

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28 and substrate

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor	S
1	□	□	US 6384785 B1	20020507	25	Heterogeneous multi-lamination microstrip a	343/700MS			Kamogawa; Kenji et al.	R
2	□	□	US 6184828 B1	20010206	131	Beam scanning antennas with plurality of antenna elements f	342/372			Shoki; Hiroki	R
3	□	□	US 5812943 A	19980922	16	High frequency band high temperature superconductor	455/333	343/895; 455/293;		Suzuki; Katsumi et al.	R

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